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## ABSTRACT

The results of the June 2000 CLAST administration are reported in this information capsule. Results are reported for first-time examinees, retake examinees, and students earning alternatives to the CLAST requirement. During this administration period, 3,858 Miami-Dade Community College (M-DCC) (Florida) students earned an alternative in at least one of the CLAST subtests, while 460 students were exempted from the entire CLAST. In contrast, 18% of M-DCC students who took the entire CLAST test for the first time passed all four subtests in the June 2000 administration. For students earning CLAST alternatives by subtest, more alternatives were granted in the communications subtests of Essay (2,595), English Language Skills (2,563), and Reading (2,581) than in the Mathematics subtest (1,680). During this administration 9,419 CLAST alternatives were earned college-wide. The CAT-CLAST is now available for first-time administrations of the Reading, English Language Skills, and Mathematics subtests. Since many students take only portions of the test as first-time examinees, it may be more informative to look at the pass rates for the individual subtests. (JA)



## MIAMI-DADE COMMUNITY COLLEGE - INSTITUTIONAL RESEARCH

## INFORMATION CAPSULE

I.C. No. 2000-14C

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**Introduction**

*The results of the June 2000 CLAST administration are reported in this information capsule. Results are reported for first-time examinees, retake examinees, and students earning alternatives to the CLAST requirement. During this administration period, 3,858 M-DCC students earned an alternative in at least one of the CLAST subtests, while 460 students were exempted from the entire CLAST. In contrast, 198 M-DCC students took the entire CLAST test for the first time and 36 (18%) passed all four subtests in the June 2000 administration.*

**CLAST Alternatives**

Table 1 displays the number of students earning CLAST alternatives by subtest, campus and college-wide during the period of March 1, 2000 through June 30, 2000. As in the past, more alternatives were granted in the communications subtests of Essay (2,595), English Language Skills (2,563), and Reading (2,581) than in the Mathematics subtest (1,680). During this administration, 9,419 CLAST alternatives were earned college-wide.

**CLAST Results by Campus and College-Wide**

Test results for M-DCC students who took the CLAST during the June 2000 administration are displayed in Table 2. Retake results include Computer Adaptive CLAST (CAT-CLAST) administrations during the period of March 1, 2000 – June 30, 2000. Campus results are presented using the students' home campus designation. First time and retake pass rates by campus vary considerably and are left for the reader to examine. The reader should know that this is the first administration period in which CAT-CLAST results for first-timers are available and included. The CAT-CLAST is now available for first-time administrations of the Reading, English Language Skills, and Mathematics subtests. Students needing to take the Essay subtest are required to take it during a regular administration. The availability of the CAT-CLAST for first-timers and retakes provides students with the flexibility to schedule their required exams as soon as they are eligible to take the available subtest(s), rather than waiting for the next regular administration. Students choosing this option will be taking the CLAST at the best possible time and will likely enhance their performance, since the material covered in the required course(s) will still be fresh in their minds.

College-wide, 18% of the students who attempted all four subtests of the CLAST for the first time passed the entire test. Since many students take only portions of the test as first-time examinees, it is probably more informative to look at the pass rates for the individual subtests. In this administration, first-time examinees were most successful on

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## **Skill Area Analysis**

the Essay subtest (60% passing college-wide) and least successful on the Mathematics subtest (36% passing college-wide).

Students retaking the CLAST were most successful on the Reading subtest (62% passing college-wide), and were least successful on the Mathematics subtest (38% passing college-wide).

Table 3 displays the performance of M-DCC students taking the CLAST for the first time by skill areas within each subtest, as well as statewide comparisons. These results can be useful in developing strategies to enhance the CLAST pass rates of M-DCC students.

Students' skills improvement should focus on those areas, which include a high number of questions on the subtest(s). For example, in the Mathematics subtest Arithmetic and Algebra questions represent 56% (28 of 50 items) of the subtest. Students concentrating more in these areas, rather than in the 6 Logic items would likely enhance their performance and therefore increase the likelihood that they will pass the Mathematics subtest.

In this administration, M-DCC students taking the Mathematics subtest performed best on the 8 Statistics & Probability items with 70% correct and experienced the most difficulty with the 12 Arithmetic items with 50% correct.

Students taking the Reading subtest had more difficulty with the 27 Critical Comprehension items (66% correct) than the 9 Literal Comprehension items (69% correct).

For the English Language Skills subtest, students performed best on the 4 Word Choice items with 77% correct. In comparison, students correctly answered 69% of the 12 Sentence Structure items and 73% of the 19 Grammar items.

In all skill areas, the performance of M-DCC students was generally lower than the state rates for public universities and community colleges.

## **State Results**

The results for first-time CLAST examinees at M-DCC and other institutions are displayed in Table 4, while Table 5 shows results for retake examinees. Comparisons with other institutions should not be made due to different criteria in effect for allowing students to take and retake the CLAST, as well as awarding alternatives to the CLAST. The number of M-DCC students taking the test and corresponding passing rates depicted in the state tables may differ from M-DCC results due to reporting procedures.

**Silvio Rodriguez:ab**

**Table 1**  
**CLAST Alternatives Granted Between March 1, 2000 and June 30, 2000**  
**By Campus and College-Wide**

Campus	Essay	English Language Skills	Reading	Math	Total Test	Unduplicated Number of Students	Total Number of Alternatives
North	710	700	701	423	88	1,049	2,534
Kendall	1,176	1,160	1,170	785	246	1,735	4,291
Wolfson	438	432	438	293	82	661	1,601
Medical Center	56	57	55	38	11	84	206
Homestead	105	104	108	74	21	164	391
InterAmerican	110	110	109	67	12	165	396
College-Wide	2,595	2,563	2,581	1,680	460	3,858	9,419

**Table 2**  
**Pass Rates for June 2000 CLAST by Campus and College-Wide**

<b>First-Time Examinees(*)(**)</b>							
	College Wide	<b>Campus</b>					
		North	Kendall	Wolfson	Medical Center	Homestead	Inter- American
Essay	60% (N=335)	59% (N=98)	69% (N=140)	54% (N=61)	0% (N=2)	53% (N=15)	26% (N=19)
English Language Skills	47% (N=356)	40% (N=104)	51% (N=144)	49% (N=68)	50% (N=2)	47% (N=15)	41% (N=22)
Reading	48% (N=355)	48% (N=105)	53% (N=146)	46% (N=68)	50% (N=2)	40% (N=15)	21% (N=19)
Mathematics	36% (N=401)	39% (N=104)	41% (N=180)	17% (N=79)	33% (N=3)	47% (N=17)	11% (N=18)
Pass-All-Four	18% (N=198)	15% (N=55)	21% (N=82)	14% (N=36)	0% (N=1)	42% (N=12)	8% (N=12)
<b>Retake Examinees**</b>							
	College Wide	<b>Campus</b>					
		North	Kendall	Wolfson	Medical Center	Homestead	Inter- American
Essay	40% (N=110)	35% (N=40)	41% (N=44)	41% (N=17)	100% (N=1)	67% (N=3)	40% (N=5)
English Language Skills	47% (N=187)	45% (N=58)	45% (N=78)	44% (N=34)	83% (N=6)	43% (N=7)	67% (N=3)
Reading	62% (N=226)	59% (N=76)	69% (N=96)	57% (N=35)	67% (N=3)	56% (N=9)	29% (N=7)
Mathematics	38% (N=326)	46% (N=84)	38% (N=160)	25% (N=57)	80% (N=5)	42% (N=12)	25% (N=8)

\*\*\*"N" and pass rate may differ from State data due to reporting procedures.

\*\*\*"N" and pass rate include M-DCC students tested at other institutions, and CAT-CLAST between March 1, 2000 through June 30, 2000.

**Table 3**  
**College-Level Academic Skills Test**  
**Public First Time**

**Date of Test: June 3, 2000**

**Institution Name: Miami-Dade Community College**

Broad Skill Area	Number of Subtest Items	% Correct in Institution	% Correct in State	Range in Public Institutions	% Correct in Universities	% Correct in Community Colleges
<b>Mathematics</b>						
Arithmetic	12	50	56	42-66	57	55
Algebra	16	60	63	45-78	63	63
Geometry	8	62	67	52-82	68	67
Logic	6	64	69	57-77	70	68
Statistics & Prob.	8	70	73	54-82	74	73
<b>Reading</b>						
Literal Comprehension	9	69	79	63-88	81	78
Critical Comprehension	27	66	74	66-81	75	73
<b>English Language Skills</b>						
Word Choice	4	77	84	76-98	84	84
Sentence Structure	12	69	75	67-82	78	74
Grammar	19	73	77	69-86	79	76

Table 4  
CLAST RESULTS FOR JUNE 3, 2000  
MEAN SCALE SCORES AND PERCENT OF EXAMINEES MEETING 1992 STANDARDS  
FIRST-TIME EXAMINEES IN EACH PUBLIC INSTITUTION

REGION AND INSTITUTION	ESSAY			ENG LANG SKILLS			READING			MATHEMATICS			ALL SUBTESTS		
	NUMBER TESTED	% PASS	MEAN	NUMBER TESTED	% PASS	MEAN	NUMBER TESTED	% PASS	MEAN	NUMBER TESTED	% PASS	MEAN	NUMBER TESTED	% PASS	MEAN
PANHANDLE REGION	405	82	7.0	390	65	307	387	71	308	561	44	294	283	38	283
CHIPOLA JUNIOR COLLEGE	18	44	5.5	18	61	302	18	33	290	21	33	289	14	14	14
FLORIDA A & M UNIVERSITY	45	58	5.9	44	50	295	44	48	292	44	20	273	34	18	18
FLORIDA STATE UNIVERSITY	154	92	7.7	150	84	318	150	84	319	273	52	300	123	60	123
GULF COAST COMMUNITY COLLEGE	27	89	6.7	27	52	318	27	74	311	40	50	294	23	26	23
NORTH FLORIDA JUNIOR COLLEGE	11	82	6.9	11	36	295	11	55	304	10	40	284	9	22	9
OKALOOSA WALTON COMMUNITY COL.	33	82	7.0	33	70	310	33	75	302	33	33	288	18	28	18
PENSACOLA JUNIOR COLLEGE	37	89	7.1	29	66	309	28	82	308	27	30	292	17	24	17
TALLAHASSEE COMMUNITY COLLEGE	65	80	6.3	65	46	295	64	67	304	85	44	292	38	21	38
UNIVERSITY OF WEST FLORIDA	15	87	6.7	13	46	299	12	58	304	28	29	290	7	14	7
CROWN REGION	468	83	7.1	444	70	310	445	74	311	469	49	299	317	44	317
CENTRAL FLORIDA COMMUNITY COLLEGE	59	83	7.1	59	78	313	59	75	308	55	38	293	49	37	49
FLORIDA COMMUNITY COLLEGE AT JAX	105	74	6.5	106	59	301	105	60	301	90	31	288	60	22	60
LAKE CITY COMMUNITY COLLEGE	22	82	6.8	20	50	301	22	77	303	26	42	292	17	29	17
SANTA FE COMMUNITY COLLEGE	95	82	6.9	83	63	307	82	70	314	79	51	299	40	43	40
ST. JOHNS RIVER COMMUNITY COLLEGE	32	78	7.0	32	63	312	32	81	311	38	50	296	28	46	28
UNIVERSITY OF FLORIDA	114	91	7.9	110	82	320	109	85	322	128	65	311	75	39	75
UNIVERSITY OF NORTH FLORIDA	41	88	7.4	34	82	313	36	78	315	53	51	296	28	33	28
EAST CENTRAL REGION	497	82	7.0	476	73	310	475	72	310	638	49	297	373	43	373
BREVARD COMMUNITY COLLEGE	57	89	7.2	54	76	313	54	70	309	92	55	299	40	40	40
DAYTONA BEACH COMMUNITY COLLEGE	65	80	6.7	64	61	304	64	67	308	76	58	291	56	32	56
INDIAN RIVER COMMUNITY COLLEGE	47	81	6.9	47	85	319	46	78	313	46	46	291	31	65	31
LAKE SUMTER COMMUNITY COLLEGE	15	87	7.4	14	64	310	14	79	313	32	47	298	12	33	12
SEMINOLE COMMUNITY COLLEGE	46	80	7.1	46	72	311	47	81	315	49	59	302	36	44	36
UNIVERSITY OF CENTRAL FLORIDA	109	90	7.3	96	88	316	95	79	315	119	55	291	82	55	82
VALENCIA COMMUNITY COLLEGE	158	77	6.7	155	66	304	155	66	304	224	39	291	116	34	116
WEST CENTRAL REGION	598	82	7.0	590	70	307	592	73	310	700	45	295	463	37	463
EDISON COMMUNITY COLLEGE	48	81	7.1	47	64	304	47	72	311	51	33	293	43	28	43
FLORIDA GULF COAST UNIVERSITY	28	93	7.6	20	95	320	20	70	313	17	71	293	16	56	16
HILLSBOROUGH COMMUNITY COLLEGE	89	82	6.7	90	62	300	90	63	304	97	43	294	69	50	69
MANATEE COMMUNITY COLLEGE	67	91	7.1	67	70	306	67	78	312	61	52	298	54	41	54
PASCO-HERNANDO COMMUNITY COLLEGE	22	86	7.2	23	70	308	22	91	317	29	52	304	18	33	18
POLK COMMUNITY COLLEGE	35	71	6.2	35	54	296	35	51	298	42	40	290	26	19	26
SOUTH FLORIDA COMMUNITY COLLEGE	22	73	6.5	22	50	298	22	61	299	19	37	285	17	24	17
ST. PETERSBURG JUNIOR COLLEGE	124	80	6.8	123	75	308	124	81	312	145	45	295	190	39	190
UNIVERSITY OF SOUTH FLORIDA	163	83	7.3	163	76	313	164	74	313	239	44	295	130	45	130
SOUTH REGION	872	69	6.4	856	59	301	857	56	299	986	37	290	628	26	628
BROWARD COMMUNITY COLLEGE	127	83	6.9	125	65	304	125	65	305	144	44	295	102	34	102
FLORIDA ATLANTIC UNIVERSITY	74	74	6.9	74	67	306	74	66	302	227	35	287	147	26	147
FLORIDA INTERNATIONAL UNIVERSITY	135	71	6.4	134	65	307	134	66	304	208	42	292	116	30	116
FLORIDA KEYS COMMUNITY COLLEGE	100	100	7.3	100	100	319	100	100	316	304	50	304	166	67	166
MIAMI-DADE COMMUNITY COLLEGE	329	59	5.9	319	48	295	320	45	292	304	32	287	189	18	189
PALM BEACH COMMUNITY COLLEGE	92	72	6.4	93	62	301	92	62	304	95	36	290	68	26	68
STATE TOTALS	2,840	78	6.8	2,756	66	306	2,756	67	307	3,354	44	294	2,064	36	2,064
STATE UNIVERSITIES	986	82	7.2	942	75	312	943	72	311	1,336	46	296	758	44	758
COMMUNITY COLLEGES	1,854	76	6.6	1,814	62	303	1,813	65	304	2,018	42	293	1,306	32	1,306

Table 5

CLAST RESULTS FOR JUNE 3, 2000  
MEAN SCALE SCORES AND PERCENT OF EXAMINEES MEETING REQUIRED STANDARDS  
RETAKE EXAMINEES IN EACH PUBLIC INSTITUTION

REGION AND INSTITUTION	ESSAY			ENG LANG SKILLS			READING			MATHEMATICS		
	NUMBER TESTED	% PASS	MEAN	NUMBER TESTED	% PASS	MEAN	NUMBER TESTED	% PASS	MEAN	NUMBER TESTED	% PASS	MEAN
PANHANDLE REGION	131	50	5.4	177	43	291	187	49	294	425	26	282
CHIPOLA JUNIOR COLLEGE	1	100	6.0	5	80	305	3	67	295	6	33	279
FLORIDA A & M UNIVERSITY	46	43	5.3	62	35	284	70	43	291	107	12	271
FLORIDA STATE UNIVERSITY	30	57	5.7	41	46	292	32	50	290	176	29	285
GULF COAST COMMUNITY COLLEGE	4	100	6.5	10	50	293	15	60	300	35	29	285
NORTH FLORIDA JUNIOR COLLEGE	3	0	4.7	11	27	285	10	30	287	13	38	284
OKALOOSA WALTON COMMUNITY COL.	5	80	5.6	8	75	313	11	73	302	14	50	291
PENSACOLA JUNIOR COLLEGE	17	53	5.5	8	38	285	8	63	300	17	43	291
TALLAHASSEE COMMUNITY COLLEGE	16	38	5.5	18	44	294	24	38	294	41	37	289
UNIVERSITY OF WEST FLORIDA	9	56	5.1	14	43	297	14	64	302	26	19	275
CROWN REGION	80	48	5.4	66	56	298	73	73	306	146	37	289
CENTRAL FLORIDA COMMUNITY COLLEGE	12	42	5.2	2	0	284	2	50	288	3	33	300
FLORIDA COMMUNITY COLLEGE AT JAX	16	44	4.9	23	61	291	22	59	299	24	33	287
LAKE CITY COMMUNITY COLLEGE	3	67	7.0	6	67	297	100	316	316	16	56	294
SANTA FE COMMUNITY COLLEGE	8	75	6.6	2	50	304	2	100	311	1	100	349
ST. JOHNS RIVER COMMUNITY COLLEGE	7	71	6.3	12	33	291	13	62	313	28	21	286
UNIVERSITY OF FLORIDA	25	40	5.0	20	65	301	26	81	314	48	42	291
UNIVERSITY OF NORTH FLORIDA	9	33	5.6	1	100	302	5	100	320	26	35	286
EAST CENTRAL REGION	113	57	5.6	142	49	295	139	60	301	300	34	287
BREVARD COMMUNITY COLLEGE	8	63	6.0	6	100	314	13	92	314	27	41	287
DAYTONA BEACH COMMUNITY COLLEGE	9	67	5.7	24	46	291	22	55	290	40	43	289
INDIAN RIVER COMMUNITY COLLEGE	6	67	6.5	7	86	326	5	60	310	12	58	301
LAKE SUITE COMMUNITY COLLEGE	2	50	5.0	3	33	286	6	67	305	13	46	295
SEMINOLE COMMUNITY COLLEGE	12	50	5.7	15	40	293	16	63	301	27	33	290
UNIVERSITY OF CENTRAL FLORIDA	30	63	5.8	25	44	297	23	65	305	89	30	286
VALENCIA COMMUNITY COLLEGE	46	50	5.4	62	47	292	54	52	297	92	26	285
WEST CENTRAL REGION	106	42	5.4	164	50	294	170	58	300	307	29	286
EDISON COMMUNITY COLLEGE	10	10	4.6	24	42	292	28	43	297	39	31	283
FLORIDA GULF COAST UNIVERSITY	3	67	7.0	0	0	292	0	0	297	1	0	259
HILLSBOROUGH COMMUNITY COLLEGE	21	33	4.9	35	46	292	32	63	298	60	25	282
MANATEE COMMUNITY COLLEGE	2	100	7.0	10	80	298	13	77	308	12	58	301
PASCO-HERNANDO COMMUNITY COLLEGE	4	75	6.5	15	53	297	14	50	296	32	19	287
POLK COMMUNITY COLLEGE	10	50	5.5	11	55	296	12	58	303	34	29	286
SOUTH FLORIDA COMMUNITY COLLEGE	7	57	5.3	15	52	292	15	60	301	22	32	289
ST. PETERSBURG JUNIOR COLLEGE	18	33	5.1	41	46	293	45	62	302	84	22	289
UNIVERSITY OF SOUTH FLORIDA	31	48	5.7	13	54	295	11	55	300	23	26	285
SOUTH REGION	282	45	5.3	304	41	291	376	58	299	712	27	284
BROWARD COMMUNITY COLLEGE	16	56	5.4	24	33	280	38	63	302	51	41	289
FLORIDA ATLANTIC UNIVERSITY	76	39	5.1	39	45	289	105	55	296	256	23	281
FLORIDA INTERNATIONAL UNIVERSITY	59	49	5.4	64	40	294	77	55	297	224	26	282
FLORIDA KEYS COMMUNITY COLLEGE	1	100	6.0	1	0	281	1	100	302	5	20	284
MIAMI-DADE COMMUNITY COLLEGE	113	42	5.2	110	41	292	132	58	301	139	28	286
PALM BEACH COMMUNITY COLLEGE	17	65	5.8	25	52	295	23	65	301	37	32	290
STATE TOTALS	712	48	5.4	853	46	293	945	58	299	1,890	29	285
STATE UNIVERSITIES	318	47	5.4	320	43	291	363	56	298	976	26	282
COMMUNITY COLLEGES	394	48	5.4	533	47	294	582	59	300	914	33	288





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